

☐ UNCLASSIFIED☐ **CONFIDENTIAL**  
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## ROUTING AND RECORD SHEET

m-27319

SUBJECT: (Optional)

FROM:

NO.

DATE

19 Feb 57

TO: (Officer designation, room number, and building)

OFFICE

ROOM 2020, BUILDING EYE

DATE

REC'D

FWD'D

OFFICER'S INITIALS

COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12.

13.

14.

15.

4 MAR 1957

How much time involved in this requirement?  
Approx 153 hrs.1. for your file.  
8. see note.

DOC 29 REV DATE 5-12-80 008672  
 ORIG COMP 5  
 ORIG CLASS 5 PAGE 6 C  
 JUST 22 NEXT REV 2010

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FORM 610 USE PREVIOUS EDITIONS

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## ROUTING AND RECORD SHEET

m 27319

SUBJECT: (Optional)

Radiation Detection Equipment

FROM:

Chief, Medical Staff

NO.

DATE

FEB 19 1957

TO: (Officer designation, room number, and building)

DATE

REC'D

FWD'D

OFFICER'S  
INITIALS

COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)

1. Director of Communications

2.

3.

4.

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FEB 19 1957

MEMORANDUM FOR: Director of Communications

SUBJECT : Radiation Detection Equipment, Project 2520

1. Appreciation is expressed for the assistance furnished by the Research and Development Laboratory, particularly in the calibration of the Radiation Detection equipment.

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2. Replacement and/or component parts have been requisitioned, and as they are procured, they will be delivered to the Research and Development Laboratory.

3. The original report of the Research and Development Laboratory is returned herewith as you requested.

JOHN R. TIETJEN, M.D.  
Chief, Medical Staff

25X1

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M 2798

RET

24

## ROUTING AND RECORD SLIP

SUBJECT: (Optional)

FROM:

Director of Communications

NO.

OC-6566

DATE

12-20-56

TO: (Officer designation, room number, and building)

DATE

REC'D

FWD'D

OFFICER'S  
INITIALS

COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)

1.

Chief Medical Staff

Dr. Tietjen 120 Central Bldg.

26 DEC  
195626 DEC  
1956*[Signature]*

2.

C / PCD

3.

4.

D/CO

Eye  
Bldg

5.

6.

7.

8.

9.

10.

11.

12.

13.

14.

15.

Attached is a report on the work done to date on the repair and calibration of your radiation and detection equipment. Please return to me when you have finished with it.

*[Signature]*

D/CO

25X1

To 2: For PCD action.

*[Signature]*

FORM

1 DEC 55

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In-26224

# Office Memorandum • UNITED STATES GOVERNMENT

TO : Chief, Research and Development Branch DATE: 11 December 1956

FROM : Chief, Research and Development Laboratory

SUBJECT: Radiation Detection Equipment, Project 2520, (Intermediate Report)

1. The forty-nine radiation detectors (submitted by Headquarters  ) have been examined and placed in operating condition with the following exceptions:

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- (a) Eight Thyac type 389 detectors require replacement of tubes and/or component parts. The remainder (16) have been completed.
- (b) Ten Radiac type SULE detectors need filament batteries and four of them need calibration.
- (c) Seven Radiac type SU-6 detectors need calibration.
- (d) Operation and maintenance instructions for the Radiac Laboratory Counter type SU3B have not been received.

2. The primary difficulties encountered are listed below.

- |                                     |      |
|-------------------------------------|------|
| (a) Bad tubes                       | 20%  |
| (b) Broken wires                    | 20%  |
| (c) Cold solder joints              | 3%   |
| (d) Defective Components            | 35%  |
| (e) Dirty contacts                  | 10%  |
| (f) Miscellaneous                   | 12%  |
| (g) Battery replacements needed     | 100% |
| (some batteries have been received) |      |

3. Components and/or complete sets of batteries for each unit needing them have not yet been received.

4. A radioactive source is needed of sufficient strength to calibrate the Radiac types SULE, SU-6 and SU-10 detectors. (See paragraph 1, (b) and (c). The sources on hand are sufficient to calibrate the Thyac type 389, but not Radiac types SULE, SU-6 and SU-10.

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5. This project has required 113 man hours to date.

6. The project engineer who performed the calibration on the 17 units calibrated absorbed a negligible amount of radiation (10.7 milliroentgens from the calibrating source). This amount was absorbed over a period of approximately three weeks.

7. Work on this project is temporarily suspended pending receipt of a calibrating source, information on the Radiac Laboratory Counter type SU3B and the necessary components to complete this project. It is estimated that approximately 40 more man hours must be spent to complete the project.



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